



Client Matter No. 80741.0008.012
Express Mail No.: EL961394456US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/679,611	Confirmation No.: 3295
Application of: YADAV et al.	Customer No.: 25235
Filed: October 6, 2003	
Art Unit: 1755	
Examiner:	
Attorney Docket No. A9DIV12	
For: PRINTING INKS AND REAGENTS FOR NANOELECTRONICS AND CONSUMER PRODUCTS	

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Introductory Remarks begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

A **Substitute Specification** (marked-up and clean version) excluding the claims appears after page 6 of this paper.

05/03/2004 MBERHE 00000069 501123 10679611

01 FC:2201		43.00 OP
02 FC:2202	9.00 DA	36.00 OP



Client Matter No. 80741.0008.012
Express Mail No.: EL961394456US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/679,611 Application of: YADAV et al. Filed: October 6, 2003 Art Unit: 1755 Examiner: Attorney Docket No. A9DIV12 For: PRINTING INKS AND REAGENTS FOR NANOELECTRONICS AND CONSUMER PRODUCTS	Confirmation No.: 3295 Customer No.: 25235
--	--

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

- Preliminary Amendment (6 pages);
- Substitute Specification: marked-up version (33 pages) and clean version (30 pages);
- Fee Transmittal with check in the amount of \$88.00;
- Certificate of Mailing by Express Mail; and
- Return Receipt Postcard

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL961394456US with the United States Postal Service, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 28, 2004.

April 28, 2004
Date

April 28, 2004
Date

Stuart T. Langley
Mailer
Stu T. Langley
Stuart T. Langley, Reg. No. 33,940
HOGAN & HARTSON^{LLP}
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5335 Tel
(720) 406-5301 Fax

O I P E JCT16
APR 28 2004
PATENT & TRADEMARK OFFICE

4-30-04

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 88

Complete if Known

Application Number 10/679,611
Filing Date October 6, 2003
First Named Inventor Yadav et al.
Examiner Name
Art Unit 1755
Attorney Docket No. A9 DIV12

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 50-1123

Deposit Account Name Hogan & Hartson LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	25	-20 **	=	5	X	9	=	45
Independent Claims	4	-3 **	=	1	X	43	=	43
Multiple Dependent					X		=	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 88

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Stuart T. Langley Registration No. (Attorney/Agent) 33,940 Telephone 720-406-5335
Signature [Signature] Date 04/28/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.